

**MODULAR SERVER ARCHITECTURE WITH ETHERNET ROUTED
ACROSS A BACKPLANE UTILIZING AN INTEGRATED ETHERNET
SWITCH MODULE**

ABSTRACT OF THE DISCLOSURE

A modular server system includes a midplane having a system management bus and a plurality of blade interfaces on the midplane. The blade interfaces are in electrical communication with each other. A server blade is removeably connectable to one of the plurality of blade interfaces on the midplane. The server blade has a server blade system management bus in electrical communication with the system management bus of the midplane, and a network interface to connect to a network. A media blade is removeably connectable to one of the plurality of blade interfaces on the midplane, and the media blade has at least one storage medium device.